PHILIPS

Quad HD monitor

Monitor

2000 series

31.5" (80cm)

2560 x 1440 (Quad HD)

32E3C2500



Designed around your day

With its sleek curved design, Quad HD resolution, HDR technology and 144Hz refresh rate, this 32-inch VA monitor offers a quality viewing experience. Enjoy vibrant visuals and fluid performance for work, entertainment and gaming.

Superb Picture Quality

- VA display delivers stunning images with wide viewing angles
- Crystal clear images with Quad HD 2560 x 1440 pixels
- SmartContrast for detailed deep black levels
- High Dynamic Range (HDR) for more lifelike, colourful visuals

Features designed for you

- Less eye fatigue with Flicker-free technology
- SoftBlue Technology: for comfortable viewing
- Built-in stereo speakers for multimedia

Designed for the way you work

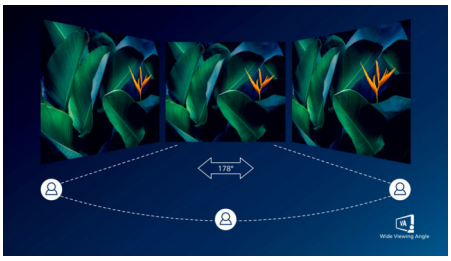
- Curved display design for a more immersive experience

Good for Gaming

- Effortlessly smooth action with Adaptive-Sync technology
- 144Hz refresh rates for ultra-smooth, brilliant images
- 0.5 ms ultra-fast speed for crisp image and smooth gameplay

Highlights

VA display



The Philips VA LED display uses advanced multi-domain vertical alignment technology, giving you super-high static contrast ratios for exceptionally vivid and bright images. While it handles standard office applications with ease, it is especially suitable for photos, web browsing, films, gaming and demanding graphics applications. Its optimised pixel management technology gives you an extra-wide 178/178-degree viewing angle, resulting in crisp images.

Crystal clear images



These Philips screens deliver Crystalclear, Quad HD 2560x1440 pixel images. Using high-performance panels with a high-density pixel count, enabled by high-bandwidth sources, these new displays will make your images and graphics come alive. Whether you are a demanding professional requiring extremely detailed information for CAD-CAM solutions, using 3D graphics applications or a financial wizard working on huge spreadsheets, Philips displays will give you Crystalclear images.

SmartContrast



SmartContrast is a Philips technology that analyses the content you are displaying, automatically adjusting colours and controlling backlight intensity to dynamically enhance contrast for the best digital images and videos, or when playing games in which dark hues are displayed. When Economy mode is selected, contrast is adjusted and backlighting fine-tuned for the ideal display of everyday office applications and lower power consumption.

High Dynamic Range (HDR)



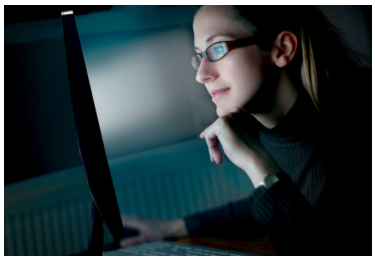
High Dynamic Range delivers a dramatically different visual experience. With astonishing brightness, incomparable contrast and captivating colour, images come to life with much greater brightness while also featuring far deeper, more nuanced dark tones. It renders a fuller palette of rich new colours never before seen on a display, giving you a visual experience that engages your senses and inspires emotion.

Flicker-free technology



Due to the way brightness is controlled on LED-backlit screens, some users experience flicker on their screen which causes eye fatigue. Philips Flicker-free Technology applies a new solution to regulate brightness and reduce flicker for more comfortable viewing.

SoftBlue Technology



SoftBlue LED technology, combined with the monitor's low blue light panel, is an effective solution for reducing the adverse health effects caused by high exposure to blue light. In this monitor's panel, the proportion of light is reduced by nearly 50 per cent, while the SoftBlue LED technology simultaneously reduces harmful blue light rays emitted from the screen.

Built-in stereo speakers



A pair of high-quality stereo speakers built into a display device. Depending on the model and design, they may be visible and front-firing, or concealed and down-firing, top-firing, rear-firing, etc.

Curved display design



Desktop monitors offer a personal user experience, which suits a curved design very well. The curved screen provides a pleasant yet subtle immersion effect, which focuses on you at the centre of your desk.

Wide Viewing Angle

Quad HD

HDR

Flicker-free

SoftBlue Technology

Built-in Speaker

CurvedDisplay

Adaptive -Sync

Monitor

Quad HD monitor

32E3C2500/00

Highlights

Adaptive-Sync technology



Gaming shouldn't mean choosing between choppy gameplay and broken frames. Get fluid, artefact-free performance at virtually any frame rate with Adaptive-Sync technology, smooth, quick refresh and an ultra-fast response time.

144Hz Gaming



You play intense, competitive games. You demand a display with lag-free, ultra-smooth images. This Philips display redraws the screen image up to 144 times per second, effectively 2.4x faster than a standard display. A lower frame rate can make enemies appear to jump from spot to spot on the screen, making them difficult targets to hit. With a 144Hz frame rate, you get those critical missing images on the screen, showing enemy movement in ultra-smooth motion so you can easily target them. With ultra-low input lag and no screen tearing, this Philips display is your perfect gaming partner.

0.5 ms MPRT response



The Philips display with 0.5 ms MPRT effectively eliminates smearing and motion blur, delivering sharper, more precise visuals to enhance the gaming experience. Fast-moving action and dramatic transitions are rendered smoothly. The best choice for playing thrilling, twitch-sensitive games.

Monitor

Quad HD monitor

32E3C2500/00

Specifications

Picture/Display

Panel Size: 31.5"/80 cm
Aspect ratio: 16:9
LCD panel type: VA LCD, VA 1500R (curvature)
Backlight type: W-LED system
Pixel pitch: 0.2724x0.2724mm
Brightness: 300
Display colours: 16.7 M
Colour gamut (typical): NTSC: 94.81%, sRGB: 115.59%, Adobe RGB: 86.83%, DCI-P3: 83.44% *
Contrast ratio (typical): 3,000:1
SmartContrast: Mega Infinity DCR
Response time (typical): 4ms (Grey to Grey)
Viewing angle: @ C/R > 10, 178º (H) / 178º (V)
Picture enhancement: SmartImage
Maximum resolution: 2560x1440 @ 144 Hz
Effective viewing area: 698.4(H)x392.85(V)mm
Scanning Frequency: 30-230kHz(H)/ 48-144Hz(V)
sRGB
SoftBlue: Yes, (Hardware LBL by panel)
Flicker-free
Pixel Density: 93 ppi
Display Screen Coating: Anti-glare, Haze 25%, 3H
MPRT: 0.5ms
EasyRead
Adaptive sync (VRR)
HDR: HDR10

Connectivity

Signal Input: HDMI2.1(TMDS) x1, DP1.4 x1
Sync Input: Separate Sync
Audio (In/Out): Audio out
HDCP: 1.4 / 2.3 (HDMI/DP)

Convenience

Built-in Speakers: 2Wx2
Plug & Play Compatibility: DDC/CI, macOS, sRGB, Windows 11 / 10 / 8.1 / 8 / 7
User convenience: SmartImage, Menu, Input, Power On/Off, Brightness
OSD Languages: Czech, Dutch, English, French, German, Hungarian, Italian, Japanese, Korean, Polish, Portuguese, Russian, Simplified Chinese, Spanish, Swedish, Traditional Chinese, Turkish, Greek, Finnish, Brazil Portuguese, Ukrainian
Other convenience: Kensington lock, VESA mount (100x100mm)

Stand

Tilt: -5/20 degree

Power

Power supply: 100-240VAC, 50-60Hz, External
Off mode: 0.3W (typ.)
On mode: 32.7 W (typ.)
Standby mode: 0.5W(typ.)
Power LED indicator: Operation - White, Standby mode- White (blinking)
Energy Label Class: D

Dimensions

Product with stand (mm): 709 x 513 x 240 mm
Packaging in mm (W x H x D): 830 x 559 x 159 mm
Product without stand (mm): 709 x 426 x 82 mm

Weight

Product with packaging (kg): 9.64 kg
Product with stand (kg): 6.11 kg
Product without stand (kg): 5.45 kg

Operating conditions

Altitude: Operating: +12,000ft (3,658m), Non-operating: +40,000ft (12,192m)
Temperature range (operation): 0°C to 40°C
MTBF: 50,000 hrs (excluding backlight)
Relative humidity: 20%-80 %
Temperature range (storage): -20°C to 60°C

Sustainability

Environmental and energy: RoHS
Recyclable packaging material: 100 %
Specific Substances: Lead-free, Mercury free

Compliance and standards

Regulatory Approvals: CEC, cETLus, CB, TUV/ ISO9241-307, TUV-BAUART, EAC, EAC ROHS, BSMI, CE Mark, UKCA, FCC, ICES-003, EMF

Cabinet

Colour: Black
Finish: Textured

What's in the box?

Cables: HDMI cable, power cable
Monitor with stand
User Documentation: Yes*

* The monitor may look different from the feature images.
* NTSC area based on CIE1976
* For video transmission via USB-C, your notebook/device must support USB-C DP Alt mode
* For USB-C power and charging functionality, your notebook/device must support USB-C standard Power Delivery specifications. Please check your notebook user manual or contact the manufacturer for more details.
* sRGB coverage based on CIE1931
* Adobe RGB coverage based on CIE1976
* DCI-P3 coverage based on CIE1976

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